

Sent 10/24/06

1. (Currently amended) A method for cache management and regeneration of dynamically-generated locale-sensitive content ("DGLSC") in one or more server computers within a client-server computer network, comprising the steps of:

receiving a first request for a web page content from a first user at a client computer via a web browser;

determining said first user's locale preference with an automatic locale detection algorithm, wherein a locale corresponds to at least a geographic region;

dynamically generating said-requested a first set of content for the requested web page from a template as a first DGLSC based on said first user's locale preference;

receiving a second request for the web page from a second user having a second user's local preference;

dynamically generating a second set of content for the requested web page from the template as a second DGLSC based on the second user's local preference instead of the first DGLSC;

if said template is marked as cacheable to indicate that content generated from said template should be cached;

generating a first locale-sensitive filename for said first DGLSC based on said first user's locale preference and associating said first DGLSC with said first locale-sensitive filename;

generating a second locale-sensitive filename for said second DGLSC based on said second user's local preference and associating said second DGLSC with said second locale sensitive filename;

caching said first DGLSC in at least one server computer in a locale-sensitive directory to be served in response to subsequent requests having the same locale preference as the first user's locale preference and caching the second DGLSC in the locale-sensitive director to be served in response to subsequent requests having the same local preference as the second user's locale preference; and

serving said first DGLSC to said first user at said client computer; and
serving said second DGLSC to said second user.

2. (Currently Amended) The method of Claim 1, wherein said first locale-sensitive filename comprises coded information associated with said first user's locale preference.

3. (Currently Amended) The method of Claim 1, wherein said first locale-sensitive filename comprises metadata arranged in an encoded format, said metadata representing a detected locale.

4. (Currently Amended) The method of Claim 1, wherein said first locale-sensitive filename comprises one or more attributes, said one or more attributes designating language, territory, type of encoding, type of sorting, locale origin, sort order, or a combination thereof.

5. (Previously Presented) The method of Claim 1, further comprising managing metadata associated with said template.

6. (Previously Presented) The method of Claim 1, further comprising creating and storing said template.

7. (Currently Amended) The method of Claim 1, further comprising regenerating said first DGLSC and said second DGLSC upon one or more changes to said template.

8. (Currently Amended) A software product embodied in a computer-readable medium carrying program instructions comprising instructions executable by a processor to:

receive a first request for a web page content from a first user at a client computer via a web browser;

determine said first user's locale preference with an automatic locale detection algorithm wherein a locale corresponds to at least a geographic region;

dynamically generate said ~~requested~~ content for the requested web page from a template as a first dynamically-generated locale-sensitive content ("DGLSC") based on said first user's locale preference;

receive a second request for the web page from a second user having a second user's local preference;

dynamically generate a second set of content for the requested web page from the template as a second DGLSC based on the second user's local preference instead of the first DGLSC; and

if said template is marked as cacheable to indicate that content generated from said template should be cached;

generate a first locale-sensitive filename for said first DGLSC based on said first user's locale preference and associate said first DGLSC with said first locale-sensitive filename;

generate a second locale-sensitive filename for said second DGLSC based on said second user's local preference and associate said second DGLSC with said second locale sensitive filename;

cache said first DGLSC in at least one server computer in a locale-sensitive directory to be served in response to subsequent requests having the same locale preference as the first user's locale preference and cache the second DGLSC in the locale-sensitive director to be served in response to subsequent requests having the same local preference as the second user's locale preference.

9. (Currently Amended) A computer system comprising a processor in communication with a computer readable medium carrying programming instructions, said programming instructions comprising instructions executable to:

receive a first request for a web page content from a first user at a client computer via a web browser;

determine said first user's locale preference with an automatic locale detection algorithm wherein a locale corresponds to at least a geographic region;

dynamically generate said ~~requested content~~ for the requested web page from a template as a first dynamically-generated locale-sensitive content ("DGLSC") based on said first user's locale preference;

receive a second request for the web page from a second user having a second user's local preference;

dynamically generate a second set of content for the requested web page from the template as a second DGLSC based on the second user's local preference instead of the first DGLSC; and

if said template is marked as cacheable to indicate that content generated from said template should be cached;

generate a first locale-sensitive filename for said first DGLSC based on said first user's locale preference and associate said first DGLSC with said first locale-sensitive filename;

generate a second locale-sensitive filename for said second DGLSC based on said second user's local preference and associate said second DGLSC with said second locale sensitive filename;

cache said first DGLSC in at least one server computer in a locale-sensitive directory to be served in response to subsequent requests having the same locale preference as the first user's locale preference and cache the second DGLSC in the locale-sensitive director to be served in response to subsequent requests having the same local preference as the second user's locale preference.

10. (Currently Amended) A method for cache management and regeneration of dynamically-generated locale-sensitive content in a client-server computer network, comprising the steps of:

receiving a first request for content corresponding to a web page from a first user at a client computer in said client-server computer network;

receiving a second request for the content corresponding to the web page from a second user;

determining said first user's locale, wherein a locale corresponds to at least a geographic region;

determining said second user's locale,

determining if a first locale-sensitive version of the content requested by the first user corresponding to the first user's locale is cached and if not: a caching status of said content requested by said user; and

~~if said content requested by said user is not cached and is marked as cacheable;~~

dynamically generating a first locale-sensitive version of the content based on said first user's locale and in accordance with said first request;

dynamically generating a first locale-sensitive filename for said first locale-sensitive version of the content based on said first user's locale;

caching said first locale-sensitive version of the content under the first locale-sensitive file name in a locale-sensitive directory; and

~~caching said locale-sensitive content under the locale-sensitive filename~~

serving said first locale-sensitive version of the content to said first user;

determining if a second locale-sensitive version of the content requested by the second user corresponding to the second user's locale is cached and if not:

dynamically generating a second locale-sensitive version of the content based on said second user's locale and in accordance with said second request;

dynamically generating a second locale-sensitive filename for said second locale-sensitive version of the content based on said second user's locale;

caching said second locale-sensitive version of the content under the second locale-sensitive file name in a locale-sensitive directory; and

serving said second locale-sensitive version of the content
to said second user.

11. (Currently Amended) The method of Claim 10, further comprising the steps of:

if said content requested by said first user is already cached under said first locale-sensitive filename,

retrieving said first locale-sensitive version of the content from a locale-specific cache directory, and

serving said first locale-sensitive version content to said user.

12. (Currently Amended) The method of Claim 10, further comprising the steps of:

determining the first locale sensitive version of the content should be cached from a template from which the first local sensitive version of the content is generated.

~~if said content requested by said user is not cached and is not marked as cacheable,~~

~~dynamically generating said content requested by said user,~~

~~caching said content, and~~

~~serving said content to said user.~~

13. (Currently Amended) The method of Claim 10, wherein the step of caching said first locale-sensitive version of the content under said first locale-sensitive filename comprises the step of caching said first locale-sensitive version of the content under said first locale-sensitive filename in at least one server computer having a locale-specific cache directory.

14. (Currently Amended) The method of Claim 10, wherein said first locale-sensitive filename comprises coded information associated with said first user's locale.

15. (Currently Amended) The method of Claim 10, wherein said first locale-sensitive filename comprises metadata arranged in an encoded format, said metadata representing said first user's locale.

16. (Currently Amended) The method of Claim 10, said first locale-sensitive filename comprises one or more attributes, said one or more attributes designating language, territory, type of encoding, type of sorting, locale origin, sort order, or a combination thereof.

17. Cancel

18. (Currently) The method of Claim 13, further comprising regenerating said first locale-sensitive version of the content upon one or more changes to said first locale-sensitive version of the content.

19-20 Cancel

21 (New) A software product embodied in a computer-readable medium carrying program instructions comprising instructions executable by a processor to:

receive a first request for content corresponding to a web page from a first user at a client computer in said client-server computer network;

receive a second request for the content corresponding to the web page from a second user;

determine said first user's locale, wherein a locale corresponds to at least a geographic region;

determine said second user's locale,

determine if a first locale-sensitive version of the content requested by the first user corresponding to the first user's locale is cached and if not:

dynamically generate a first locale-sensitive version of the content based on said first user's locale and in accordance with said first request;

dynamically generate a first locale-sensitive filename for said first locale-sensitive version of the content based on said first user's locale;

cache said first locale-sensitive version of the content under the first locale-sensitive file name in a locale-sensitive directory; and

serve said first locale-sensitive version of the content to said first user;

determine if a second locale-sensitive version of the content requested by the second user corresponding to the second user's locale is cached and if not:

dynamically generate a second locale-sensitive version of the content based on said second user's locale and in accordance with said second request;

dynamically generate a second locale-sensitive filename for said second locale-sensitive version of the content based on said second user's locale;

cache said second locale-sensitive version of the content under the second locale-sensitive file name in a locale-sensitive directory; and

serve said second locale-sensitive version of the content to said second user.

22. (New) A computer system comprising a processor in communication with a computer readable medium carrying programming instructions, said programming instructions comprising instructions executable to:

- receive a first request for content corresponding to a web page from a first user at a client computer in said client-server computer network;

- receive a second request for the content corresponding to the web page from a second user;

- determine said first user's locale, wherein a locale corresponds to at least a geographic region;

- determine said second user's locale,

- determine if a first locale-sensitive version of the content requested by the first user corresponding to the first user's locale is cached and if not:

- dynamically generate a first locale-sensitive version of the content based on said first user's locale and in accordance with said first request;

- dynamically generate a first locale-sensitive filename for said first locale-sensitive version of the content based on said first user's locale;

- cache said first locale-sensitive version of the content under the first locale-sensitive file name in a locale-sensitive directory; and

- serve said first locale-sensitive version of the content to said first user;

- determine if a second locale-sensitive version of the content requested by the second user corresponding to the second user's locale is cached and if not:

- dynamically generate a second locale-sensitive version of the content based on said second user's locale and in accordance with said second request;

- dynamically generate a second locale-sensitive filename for said second locale-sensitive version of the content based on said second user's locale;

- cache said second locale-sensitive version of the content under the second locale-sensitive file name in a locale-sensitive directory; and

- serve said second locale-sensitive version of the content to said second user.

Sent 10/30

1. (Currently amended) A method for cache management and regeneration of dynamically-generated locale-sensitive content ("DGLSC") in one or more server computers within a client-server computer network, comprising the steps of:

receiving a first request for a web page content from a first user at a client computer via a web browser;

determining said first user's locale preference with an automatic locale detection algorithm, wherein a locale corresponds to at least a geographic region;

dynamically generating ~~said requested~~ a first set of content for the requested web page from a template as a first DGLSC based on said first user's locale preference;

receiving a second request for the web page from a second user having a second user's locale preference;

dynamically generating a second set of content for the requested web page from the template as a second DGLSC based on the second user's locale preference instead of the first DGLSC;

if said template is marked as cacheable to indicate that content generated from said template should be cached;

generating a first locale-sensitive filename for said first DGLSC based on said first user's locale preference and associating said first DGLSC with said first locale-sensitive filename;

generating a second locale-sensitive filename for said second DGLSC based on said second user's locale preference and associating said second DGLSC with said second locale sensitive filename;

caching said first DGLSC in at least one server computer in a locale-sensitive directory to be served in response to subsequent requests having the same locale preference as the first user's locale preference and caching the second DGLSC in the locale-sensitive directory to be served in response to subsequent requests having the same locale preference as the second user's locale preference; and

serving said first DGLSC to said first user at said client computer; and
serving said second DGLSC to said second user.

2. (Currently Amended) The method of Claim 1, wherein said first locale-sensitive filename comprises coded information associated with said first user's locale preference.

3. (Currently Amended) The method of Claim 1, wherein said first locale-sensitive filename comprises metadata arranged in an encoded format, said metadata representing a detected locale.

4. (Currently Amended) The method of Claim 1, wherein said first locale-sensitive filename comprises one or more attributes, said one or more attributes designating language, territory, type of encoding, type of sorting, locale origin, sort order, or a combination thereof.

5. (Previously Presented) The method of Claim 1, further comprising managing metadata associated with said template.

6. (Previously Presented) The method of Claim 1, further comprising creating and storing said template.

7. (Currently Amended) The method of Claim 1, further comprising regenerating said first DGLSC and said second DGLSC upon one or more changes to said template.

8. (Currently Amended) A software product embodied in a computer-readable medium carrying program instructions comprising instructions executable by a processor to:

receive a first request for a web page content from a first user at a client computer via a web browser;

determine said first user's locale preference with an automatic locale detection algorithm wherein a locale corresponds to at least a geographic region;

dynamically generate said ~~requested~~ content for the requested web page from a template as a first dynamically-generated locale-sensitive content ("DGLSC") based on said first user's locale preference;

receive a second request for the web page from a second user having a second user's locale preference;

dynamically generate a second set of content for the requested web page from the template as a second DGLSC based on the second user's locale preference instead of the first DGLSC; and

if said template is marked as cacheable to indicate that content generated from said template should be cached;

generate a first locale-sensitive filename for said first DGLSC based on said first user's locale preference and associate said first DGLSC with said first locale-sensitive filename;

generate a second locale-sensitive filename for said second DGLSC based on said second user's locale preference and associate said second DGLSC with said second locale sensitive filename;

cache said first DGLSC in at least one server computer in a locale-sensitive directory to be served in response to subsequent requests having the same locale preference as the first user's locale preference and cache the second DGLSC in the locale-sensitive directory to be served in response to subsequent requests having the same locale preference as the second user's locale preference.

9. (Currently Amended) A computer system comprising a processor in communication with a computer readable medium carrying programming instructions, said programming instructions comprising instructions executable to:

receive a first request for a web page content from a first user at a client computer via a web browser;

determine said first user's locale preference with an automatic locale detection algorithm wherein a locale corresponds to at least a geographic region;

dynamically generate said ~~requested~~ content for the requested web page from a template as a first dynamically-generated locale-sensitive content ("DGLSC") based on said first user's locale preference;

receive a second request for the web page from a second user having a second user's locale preference;

dynamically generate a second set of content for the requested web page from the template as a second DGLSC based on the second user's locale preference instead of the first DGLSC; and

if said template is marked as cacheable to indicate that content generated from said template should be cached;

generate a first locale-sensitive filename for said first DGLSC based on said first user's locale preference and associate said first DGLSC with said first locale-sensitive filename;

generate a second locale-sensitive filename for said second DGLSC based on said second user's locale preference and associate said second DGLSC with said second locale sensitive filename;

cache said first DGLSC in at least one server computer in a locale-sensitive directory to be served in response to subsequent requests having the same locale preference as the first user's locale preference and cache the second DGLSC in the locale-sensitive directory to be served in response to subsequent requests having the same locale preference as the second user's locale preference.

10. (Currently Amended) A method for cache management and regeneration of dynamically-generated locale-sensitive content in a client-server computer network, comprising the steps of:

receiving a first request for content corresponding to a web page from a first user at a client computer in said client-server computer network;

receiving a second request for the content corresponding to the web page from a second user;

determining said first user's locale, wherein a locale corresponds to at least a geographic region;

determining said second user's locale,

determining if a first locale-sensitive version of the content requested by the first user corresponding to the first user's locale is cached and if not: a caching status of said content requested by said user; and

~~if said content requested by said user is not cached and is marked as cacheable;~~

dynamically generating a first locale-sensitive version of the content based on said first user's locale and in accordance with said first request;

dynamically generating a first locale-sensitive filename for said first locale-sensitive version of the content based on said first user's locale;

caching said first locale-sensitive version of the content under the first locale-sensitive file name in a locale-sensitive directory; and

~~caching said locale-sensitive content under the locale-sensitive filename~~

serving said first locale-sensitive version of the content to said first user;

determining if a second locale-sensitive version of the content requested by the second user corresponding to the second user's locale is cached and if not:

dynamically generating a second locale-sensitive version of the content based on said second user's locale and in accordance with said second request;

dynamically generating a second locale-sensitive filename for said second locale-sensitive version of the content based on said second user's locale;

caching said second locale-sensitive version of the content under the second locale-sensitive file name in a locale-sensitive directory; and

serving said second locale-sensitive version of the content
to said second user.

11. (Currently Amended) The method of Claim 10, further comprising the steps of:

if said content requested by said first user is already cached under said first locale-sensitive filename,

retrieving said first locale-sensitive version of the content from a locale-specific cache directory, and

serving said first locale-sensitive version content to said user.

12. (Currently Amended) The method of Claim 10, further comprising the steps of:

determining the first locale sensitive version of the content should be cached
from a template from which the first locale sensitive version of the content is generated.

~~if said content requested by said user is not cached and is not marked as~~
~~cacheable,~~

~~dynamically generating said content requested by said user,~~

~~caching said content, and~~

~~serving said content to said user.~~

13. (Currently Amended) The method of Claim 10, wherein the step of caching said first locale-sensitive version of the content under said first locale-sensitive filename comprises the step of caching said first locale-sensitive version of the content under said first locale-sensitive filename in at least one server computer having a locale-specific cache directory.

14. (Currently Amended) The method of Claim 10, wherein said first locale-sensitive filename comprises coded information associated with said first user's locale.

15. (Currently Amended) The method of Claim 10, wherein said first locale-sensitive filename comprises metadata arranged in an encoded format, said metadata representing said first user's locale.

16. (Currently Amended) The method of Claim 10, said first locale-sensitive filename comprises one or more attributes, said one or more attributes designating language, territory, type of encoding, type of sorting, locale origin, sort order, or a combination thereof.

17. Cancel

18. (Currently) The method of Claim 13, further comprising regenerating said first locale-sensitive version of the content upon one or more changes to said first locale-sensitive version of the content.

19-20 Cancel

21 (New) A software product embodied in a computer-readable medium carrying program instructions comprising instructions executable by a processor to:

receive a first request for content corresponding to a web page from a first user at a client computer in said client-server computer network;

receive a second request for the content corresponding to the web page from a second user;

determine said first user's locale, wherein a locale corresponds to at least a geographic region;

determine said second user's locale,

determine if a first locale-sensitive version of the content requested by the first user corresponding to the first user's locale is cached and if not:

dynamically generate a first locale-sensitive version of the content based on said first user's locale and in accordance with said first request;

dynamically generate a first locale-sensitive filename for said first locale-sensitive version of the content based on said first user's locale;

cache said first locale-sensitive version of the content under the first locale-sensitive file name in a locale-sensitive directory; and

serve said first locale-sensitive version of the content to said first user;

determine if a second locale-sensitive version of the content requested by the second user corresponding to the second user's locale is cached and if not:

dynamically generate a second locale-sensitive version of the content based on said second user's locale and in accordance with said second request;

dynamically generate a second locale-sensitive filename for said second locale-sensitive version of the content based on said second user's locale;

cache said second locale-sensitive version of the content under the second locale-sensitive file name in a locale-sensitive directory; and

serve said second locale-sensitive version of the content to said second user.

22. (New) A computer system comprising a processor in communication with a computer readable medium carrying programming instructions, said programming instructions comprising instructions executable to:

- receive a first request for content corresponding to a web page from a first user at a client computer in said client-server computer network;

- receive a second request for the content corresponding to the web page from a second user;

- determine said first user's locale, wherein a locale corresponds to at least a geographic region;

- determine said second user's locale,

- determine if a first locale-sensitive version of the content requested by the first user corresponding to the first user's locale is cached and if not:

- dynamically generate a first locale-sensitive version of the content based on said first user's locale and in accordance with said first request;

- dynamically generate a first locale-sensitive filename for said first locale-sensitive version of the content based on said first user's locale;

- cache said first locale-sensitive version of the content under the first locale-sensitive file name in a locale-sensitive directory; and

- serve said first locale-sensitive version of the content to said first user;

- determine if a second locale-sensitive version of the content requested by the second user corresponding to the second user's locale is cached and if not:

- dynamically generate a second locale-sensitive version of the content based on said second user's locale and in accordance with said second request;

- dynamically generate a second locale-sensitive filename for said second locale-sensitive version of the content based on said second user's locale;

- cache said second locale-sensitive version of the content under the second locale-sensitive file name in a locale-sensitive directory; and

- serve said second locale-sensitive version of the content to said second user.